



Comparison Of Sample Dividing Methods

Method	Std. Dev. of Samples (%) σ	Var. (P_n)	Est. Max. Sample Error (%) E
Cone & Quartering	6.81	46.4	22.7
Scoop Sampling	5.14	26.4	17.1
Table Sampling	2.09	4.37	7.0
Chute Riffing	1.0	1.02	3.4
Spinning Riffing	0.125	0.016	0.42

Accuracy of various types of sampling were demonstrated by A.A. Khan at Brandford University in 1969. Test were based on 60/40% mixture of coarse and fine sands.